

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Olivier Charles Schuepbach**

Docket No.: **TI-33782**

Serial No.: **TBD**

Examiner: **TBD**

Filed: **Herewith**


Art Unit: **TBD**

For: **RSSE Optimization Using Hardware Acceleration**

Conf. No.: **TBD**

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner For Patents  
Alexandria, VA 22313-1450

<u><b>MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)</b></u>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.	
 Elizabeth Austin	<u>7/31/2003</u> Date

Dear Sir:

In response to the Search Report received from the European Patent Office (a copy of which is enclosed), Applicant wishes to bring to the attention of the U.S. Patents and Trademarks Office the information noted on the enclosed PTO-1449. Copies of the cited references are enclosed.

If required, charge the \$240 fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



Ronald O. Neerings  
Attorney for Applicants  
Reg. No. 34,227

Texas Instruments Incorporated  
P. O. Box 655474, MS 3999  
Dallas, Texas 75265  
(972) 917-5299

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PTO/SB/08A (08-00)

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				Application Number	TBD
				Filing Date	Herewith
				First Named Inventor	Olivier Charles Schuepbach
				Group Art Unit	TBD
Examiner Name	TBD				
Attorney Docket No.	TI-33782				
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Exam. Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA					
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FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
	BA		EP 0 786 872 A2		Lucent Technologies Inc.	30/07/1997		
	BB		EP 1 058 392 A1		Motorola, Inc.	06/12/2000		
	BC		WO 01/03308 A1		Fraun-Hofer-Gesellschaft Zur Forderung Der Angewandten Forschung E.V.	11/01/2001		
	BD		WO 01/60002 A1		Ericsson Inc.	17/01/2001		
	BE		WO 01 78239 A2		Qualcomm Inc.	18/10/2001		
	BF		WO 02/39689 A2		Telefonaktiebolaget LM Ericsson	16/05/2001		
	BG							
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	TBD
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				First Named Inventor	Olivier Charles Schuepbach
				Group Art Unit	TBD
				Examiner Name	TBD
Sheet	2	of	2	Attorney Docket No.	TI-33782

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	"Error Probability of Reduced State Sequence Estimation for Trellis-Coded Modulation on Intersymbol Interference Channels", Wern Ho Sheen, et al., IEEE Global Telecommunications Conference, 2-5 December 1991, pp. 1159-1164, XP010042585, New York, US	
	CB	"Reduced-Complexity Viterbi Detector Architectures for Partial Response Signalling", Gerhard Fettweis, et al., IEEE Global Telecommunications Conference, 14-16 November 1995, pp. 559-563, XP000621547, New York, US	
	CC	"Digital Communications", J. G. Proakis, McGraw-Hill, 1995, pp. 249-254, 468-470, 621-627, 649-654, 698-702, 729-732, and 797-806, XP002202678, New York, US, ISBN: 0-07-113814-5	
	CD		
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